



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

PROCEEDINGS OF SCIENTIFIC SOCIETIES.

UNITED STATES NATIONAL ACADEMY OF SCIENCES. — The Academy met in Washington, commencing April 17th, 1888, and remained in session until April 20th, inclusive. The following papers were read:—"The Rotation of the Sun,"¹ J. E. Oliver; "The Foundations of Chemistry,"¹ T. Sterry Hunt; "On an Improved Form of Quadrant Electrometer, with Remarks upon its use,"¹ T. C. Mendenhall; "On the Vertebrate Fauna of the Puerco Series,"¹ E. D. Cope; "Reinforcement and Inhibition,"¹ H. P. Bowditch; "On Apparent Elasticity Produced in an Apparatus by the Pressure of the Atmosphere, and the Bearing of the Phenomenon Upon the Hypothesis of Potential Energy,"³ A. Graham Bell; "The Orbits of Aerolites,"³ H. A. Newton; "A Large Photographic Telescope,"² E. C. Pickering; "A New Method for the Biological Examination of Air, with a Description of an Aerobioscope,"² W. T. Sedgwick and G. R. Tucker (presented by J. S. Billings); "Preliminary Notice of the Object, Methods and Results of a Systematic Study of the Action of Definitely Related Chemical Compounds upon Animals,"³ Wolcott Gibbs and Hobart Amory Hare; "On the Auditory Bones of the Batrachia,"² E. D. Cope; "The Orbit of Hyperion,"² Ormond Stone (presented by S. Newcomb); "Map of Connecticut River-Region in Massachusetts,"⁴ B. K. Emerson (presented by J. W. Powell); "Parallel Series in the Evolution of Cephalopoda,"² A. Hyatt; "Evolution of Cephalopoda in the Fauna of the Lias,"² A. Hyatt; "The Evidence of the Fossil Plants as to the Age of the Potomac Formation,"⁴ L. F. Ward (presented by J. W. Powell); "Vision and Energy,"⁴ S. P. Langley; "Report of Progress in Spectrum Photography,"³ H. A. Rowland; "Note on the Spectrum of Carbon and its Existence in the Sun,"³ H. A. Rowland; "The Characteristics of the Orders and Sub-Orders of Fishes,"⁴ Theo. Gill; "The Serpent-Mound and its Surroundings,"⁴ F. W. Putnam; "The Systematic Relations of *Platypsyllus* as Determined by the Larva,"⁴ C. V. Riley (presented by Theo. Gill); "On the Position of the Nova of 1572, as Determined by Tycho Brahe,"⁴ C. H. F. Peters; "Some Notes on the Laramie Groups,"⁴ J. S. Newberry; "On the Structure and Relations of Placoderm Fishes,"⁴ J. S. Newberry.

Six new members of the Council were elected, as follows:—Professors Brush, Langley, Pickering, Remsen, Gould, and Gen. Meigs. Four new members of the Academy were elected—Profes-

¹ Read April 17. ² Read April 18. ³ Read April 19. ⁴ Read April 20.

sors Michael and Michelson and Messrs. Chandler and G. B. Goode. A rule was adopted which provides that the lists of papers of candidates for election to membership should be printed and circulated among the members, at least sixty days before the meeting of the Academy.

The Academy adjourned, to meet in New Haven in November next.

BIOLOGICAL SOCIETY OF WASHINGTON, March 24th, 1888.—The following communications were read:—Dr. Cooper Curtice, "*Tenia fimbriata*, a New Parasite of Sheep;" Mr. Charles Hallowell, "Reversion of Domesticated Animals to a Wild State."

April 7th, 1888.—The following communications were read:—Captain J. W. Collins, "The Work of the Schooner Grampus in Fish Culture;" Mr. Chas. D. Walcott, "Cambrian Fossils from Mount Stephens, Northwest Territory of Canada;" Professor C. V. Riley, "Some Notes from Emin Pasha's Travels in Central Africa;" Dr. Theobald Smith, "The Destruction of Pathogenetic Bacteria in the Animal Organism."